

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
31 July 2003 (31.07.2003)

PCT

(10) International Publication Number  
**WO 03/062545 A1**

(51) International Patent Classification<sup>7</sup>: **E04B 1/14**

(21) International Application Number: **PCT/GB02/05919**

(22) International Filing Date:  
24 December 2002 (24.12.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0200881.1 16 January 2002 (16.01.2002) GB

(71) Applicant (*for all designated States except US*): **JAMES LUPTON CONSULTANTS LIMITED [GB/GB]**; Lupton Court, Prospect Road, Ossett, West Yorkshire WF5 8AF (GB).

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): **LUPTON, James [GB/GB]**; Lupton Court, Prospect Road, Ossett, West Yorkshire WF5 8AF (GB).

(74) Agents: **WADDINGTON, Richard et al.**; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

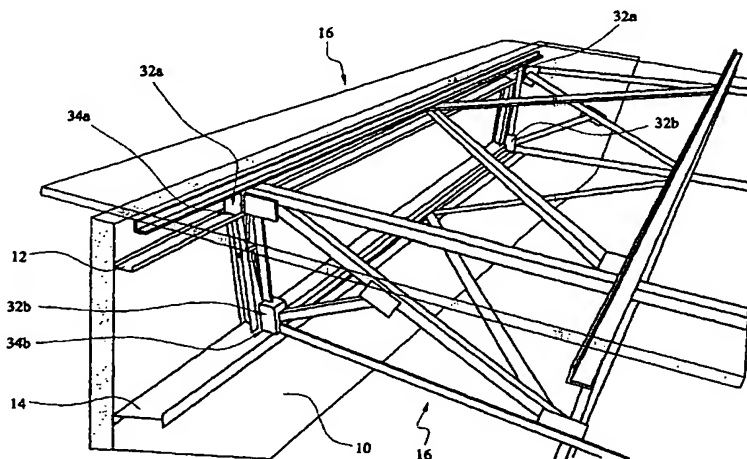
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MODULAR BUILDING SYSTEM



(57) Abstract: A modular building construction system uses either concrete or steel framed wall panels (10) to which are secured roof receiving elements (12, 14) formed by steel girders aligned lengthways close to an upper section of a concrete wall panel (10). An roof structure (16) has pairs of upper and lower projections (18a and 18b) respectively, which are received in corresponding openings in the roof receiving elements (12, 14). With the interengagement of the roof structure (16) and the concrete wall panels (10) one of which is used at each side of the roof structure (16), the building is structurally sound with the walls (10) being held in upright configuration by the roof structure (16) and the roof structure (16) being held up by the concrete wall panels (10). Temporary propping to the wall panels can be removed at this stage.

WO 03/062545 A1